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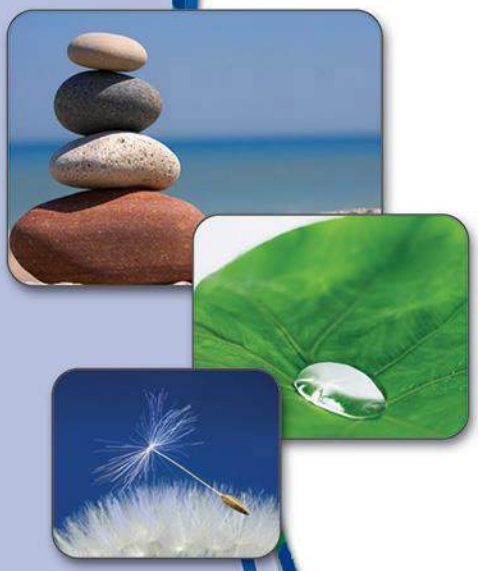

ANALYTICAL REPORT

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-92065-1
Laboratory Sample Delivery Group: HOO
Client Project/Site: Hoosick Falls WTP

For:
CT Male Associates DPC
50 Century Hill Dr
Latham, New York 12110

Attn: Mr. Kirk Moline

Authorized for release by:
8/22/2022 9:27:56 PM

Paul Hobart, Project Manager
(617)312-8660
Paul.Hobart@et.eurofinsus.com

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
· Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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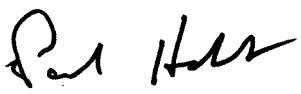

Paul Hobart
Project Manager
8/22/2022 9:27:56 PM

Table of Contents

Definitions/Glossary

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-92065-1
SDG: HOO

Qualifiers

LCMS

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*3	ISTD response or retention time outside acceptable limits.
cn	Refer to Case Narrative for further detail
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 410-92065-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Narrative

Job Narrative
410-92065-1

Receipt
The samples were received on 7/22/2022 10:17 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.1°C

PFAS
Method 537_DW: The recovery for a target analyte: Perfluorobutanesulfonic acid in the laboratory control spike samples associated with the following samples: GAC Influent (410-92065-1), GAC Midfluent (410-92065-2), PV-2_25 (410-92065-4) and PV-2_50 (410-92065-5) is outside the QC acceptance limits. The following action was taken: This sample was re-extracted outside the required holding time and the recovery for a target analyte(s) in the laboratory control spike sample(s) is within the QC acceptance limits.

Method 537_DW: The recovery for a target analyte: Perfluorobutanesulfonic acid in the laboratory control spike samples associated with the following samples: GAC Effluent (410-92065-3), PV-2_75 (410-92065-6), FTB01-220721 (410-92065-7) and LTB01-220721 (410-92065-8) is outside the QC acceptance limits. The following action was taken: This sample was re-extracted outside the required holding time and the recovery for a target analyte(s) in the laboratory control spike sample(s) is within the QC acceptance limits.

Method 537_DW: The recovery for the internal standards and surrogates: d5-NEtFOSAA and 13C2 PFHxA in the following sample: GAC Effluent (410-92065-3) is outside the QC acceptance limits. The following action was taken: This sample was re-extracted outside of the required holding time and the internal standards and surrogate recoveries were within QC acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-92065-1
SDG: HOO

Client Sample ID: GAC Influent — Lab Sample ID: 410-92065-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorooctanesulfonamide	2.6		1.7		ng/L	1		537 (Mod)	Total/NA
Perfluoropentanoic acid	2.5		1.7		ng/L	1		537 (Mod)	Total/NA
Perfluorohexanoic acid	8.0		1.7		ng/L	1		537 DW	Total/NA
Perfluoroheptanoic acid	8.9		1.7		ng/L	1		537 DW	Total/NA
Perfluorooctanesulfonic acid	2.9		1.7		ng/L	1		537 DW	Total/NA
Perfluorooctanoic acid - DL	360		17		ng/L	10		537 DW	Total/NA

Client Sample ID: GAC Midfluent — Lab Sample ID: 410-92065-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	4.8		4.1		ng/L	1		537 (Mod)	Total/NA

Client Sample ID: GAC Effluent — Lab Sample ID: 410-92065-3

No Detections.

Client Sample ID: PV-2_25 — Lab Sample ID: 410-92065-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid	4.4		4.3		ng/L	1		537 (Mod)	Total/NA

Client Sample ID: PV-2_50 — Lab Sample ID: 410-92065-5

No Detections.

Client Sample ID: PV-2_75 — Lab Sample ID: 410-92065-6

No Detections.

Client Sample ID: FTB01-220721 — Lab Sample ID: 410-92065-7

No Detections.

Client Sample ID: LTB01-220721 — Lab Sample ID: 410-92065-8

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: GAC Influent

Date Collected: 07/21/22 09:30
Date Received: 07/22/22 10:17

Lab Sample ID: 410-92065-1

Matrix: Water

Method: 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.1	U	4.1		ng/L		08/01/22 08:37	08/07/22 21:09	1
8:2 Fluorotelomer sulfonic acid	2.5	U	2.5		ng/L		08/01/22 08:37	08/07/22 21:09	1
Perfluorobutanoic acid	4.1	U	4.1		ng/L		08/01/22 08:37	08/07/22 21:09	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		08/01/22 08:37	08/07/22 21:09	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		08/01/22 08:37	08/07/22 21:09	1
Perfluorooctanesulfonamide	**2.6**		1.7		ng/L		08/01/22 08:37	08/07/22 21:09	1
Perfluoropentanoic acid	**2.5**		1.7		ng/L		08/01/22 08:37	08/07/22 21:09	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*132*		*17 - 200*	*08/01/22 08:37*	*08/07/22 21:09*	*1*
M2-8:2 FTS	*147*		*33 - 200*	*08/01/22 08:37*	*08/07/22 21:09*	*1*
13C4 PFBA	*128*		*42 - 165*	*08/01/22 08:37*	*08/07/22 21:09*	*1*
13C5 PFPeA	*136*		*38 - 187*	*08/01/22 08:37*	*08/07/22 21:09*	*1*
13C8 PFOS	*122*		*51 - 159*	*08/01/22 08:37*	*08/07/22 21:09*	*1*
13C8 FOSA	*98*		*10 - 168*	*08/01/22 08:37*	*08/07/22 21:09*	*1*
13C3 PFHxS	*148*		*28 - 188*	*08/01/22 08:37*	*08/07/22 21:09*	*1*

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	**8.0**		1.7		ng/L		08/04/22 10:25	08/08/22 19:54	1
Perfluoroheptanoic acid	**8.9**		1.7		ng/L		08/04/22 10:25	08/08/22 19:54	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 19:54	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 19:54	1
Perfluorotridecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 19:54	1
Perfluorotetradecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 19:54	1
Perfluorobutanesulfonic acid	1.7	U *- cn	1.7		ng/L		08/04/22 10:25	08/08/22 19:54	1
Perfluorohexanesulfonic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 19:54	1
Perfluorooctanesulfonic acid	**2.9**		1.7		ng/L		08/04/22 10:25	08/08/22 19:54	1
NEtFOSAA	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 19:54	1
NMeFOSAA	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 19:54	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 19:54	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*78*		*70 - 130*	*08/04/22 10:25*	*08/08/22 19:54*	*1*
13C2 PFDA	*106*		*70 - 130*	*08/04/22 10:25*	*08/08/22 19:54*	*1*
13C2 PFHxA	*93*		*70 - 130*	*08/04/22 10:25*	*08/08/22 19:54*	*1*

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS) - DL

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanoic acid	**360**		17		ng/L		08/04/22 10:25	08/13/22 04:14	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*87*		*70 - 130*	*08/04/22 10:25*	*08/13/22 04:14*	*10*
13C2 PFDA	*95*		*70 - 130*	*08/04/22 10:25*	*08/13/22 04:14*	*10*
13C2 PFHxA	*79*		*70 - 130*	*08/04/22 10:25*	*08/13/22 04:14*	*10*

Client Sample ID: GAC Midfluent

Date Collected: 07/21/22 09:32
Date Received: 07/22/22 10:17

Lab Sample ID: 410-92065-2

Matrix: Water

Method: 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.1	U	4.1		ng/L		08/01/22 08:37	08/07/22 21:21	1
8:2 Fluorotelomer sulfonic acid	2.5	U	2.5		ng/L		08/01/22 08:37	08/07/22 21:21	1
Perfluorobutanoic acid	**4.8**		4.1		ng/L		08/01/22 08:37	08/07/22 21:21	1
Perfluorodecanesulfonic acid	1.6	U	1.6		ng/L		08/01/22 08:37	08/07/22 21:21	1
Perfluoroheptanesulfonic acid	1.6	U	1.6		ng/L		08/01/22 08:37	08/07/22 21:21	1
Perfluorooctanesulfonamide	1.6	U	1.6		ng/L		08/01/22 08:37	08/07/22 21:21	1
Perfluoropentanoic acid	1.6	U	1.6		ng/L		08/01/22 08:37	08/07/22 21:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*126*		*17 - 200*	*08/01/22 08:37*	*08/07/22 21:21*	*1*
M2-8:2 FTS	*122*		*33 - 200*	*08/01/22 08:37*	*08/07/22 21:21*	*1*
13C4 PFBA	*129*		*42 - 165*	*08/01/22 08:37*	*08/07/22 21:21*	*1*
13C5 PFPeA	*116*		*38 - 187*	*08/01/22 08:37*	*08/07/22 21:21*	*1*
13C8 PFOS	*119*		*51 - 159*	*08/01/22 08:37*	*08/07/22 21:21*	*1*
13C8 FOSA	*108*		*10 - 168*	*08/01/22 08:37*	*08/07/22 21:21*	*1*
13C3 PFHxS	*113*		*28 - 188*	*08/01/22 08:37*	*08/07/22 21:21*	*1*

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:06	1
Perfluoroheptanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:06	1
Perfluorooctanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:06	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:06	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:06	1
Perfluorotridecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:06	1
Perfluorotetradecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:06	1
Perfluorobutanesulfonic acid	1.7	U *- cn	1.7		ng/L		08/04/22 10:25	08/08/22 20:06	1
Perfluorohexanesulfonic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:06	1
Perfluorooctanesulfonic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:06	1
NEtFOSAA	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:06	1
NMeFOSAA	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:06	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:06	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*81*		*70 - 130*	*08/04/22 10:25*	*08/08/22 20:06*	*1*
13C2 PFDA	*100*		*70 - 130*	*08/04/22 10:25*	*08/08/22 20:06*	*1*
13C2 PFHxA	*98*		*70 - 130*	*08/04/22 10:25*	*08/08/22 20:06*	*1*

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-92065-1
SDG: HOO

Client Sample ID: GAC Effluent
Date Collected: 07/21/22 09:36
Date Received: 07/22/22 10:17

Lab Sample ID: 410-92065-3
Matrix: Water

Method: 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.2	U	4.2		ng/L		08/01/22 08:37	08/09/22 22:01	1
8:2 Fluorotelomer sulfonic acid	2.5	U	2.5		ng/L		08/01/22 08:37	08/09/22 22:01	1
Perfluorobutanoic acid	4.2	U	4.2		ng/L		08/01/22 08:37	08/09/22 22:01	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		08/01/22 08:37	08/09/22 22:01	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		08/01/22 08:37	08/09/22 22:01	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		08/01/22 08:37	08/09/22 22:01	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		08/01/22 08:37	08/09/22 22:01	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*137*		*17 - 200*	*08/01/22 08:37*	*08/09/22 22:01*	*1*
M2-8:2 FTS	*119*		*33 - 200*	*08/01/22 08:37*	*08/09/22 22:01*	*1*
13C4 PFBA	*125*		*42 - 165*	*08/01/22 08:37*	*08/09/22 22:01*	*1*
13C5 PFPeA	*111*		*38 - 187*	*08/01/22 08:37*	*08/09/22 22:01*	*1*
13C8 PFOS	*121*		*51 - 159*	*08/01/22 08:37*	*08/09/22 22:01*	*1*
13C8 FOSA	*99*		*10 - 168*	*08/01/22 08:37*	*08/09/22 22:01*	*1*
13C3 PFHxS	*116*		*28 - 188*	*08/01/22 08:37*	*08/09/22 22:01*	*1*

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:33	1
Perfluoroheptanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:33	1
Perfluorooctanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:33	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:33	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:33	1
Perfluorotridecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:33	1
Perfluorotetradecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:33	1
Perfluorobutanesulfonic acid	1.7	U *- *3 cn	1.7		ng/L		08/04/22 10:25	08/18/22 11:33	1
Perfluorohexanesulfonic acid	1.7	U *3	1.7		ng/L		08/04/22 10:25	08/18/22 11:33	1
Perfluorooctanesulfonic acid	1.7	U *3	1.7		ng/L		08/04/22 10:25	08/18/22 11:33	1
NEtFOSAA	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:33	1
NMeFOSAA	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:33	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:33	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*67*	*S1- cn*	*70 - 130*	*08/04/22 10:25*	*08/18/22 11:33*	*1*
13C2 PFDA	*84*		*70 - 130*	*08/04/22 10:25*	*08/18/22 11:33*	*1*
13C2 PFHxA	*23*	*S1- cn*	*70 - 130*	*08/04/22 10:25*	*08/18/22 11:33*	*1*

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-92065-1
SDG: HOO

Client Sample ID: PV-2_25
Date Collected: 07/21/22 09:41
Date Received: 07/22/22 10:17

Lab Sample ID: 410-92065-4
Matrix: Water

Method: 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.3	U	4.3		ng/L		08/01/22 08:37	08/07/22 21:43	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6		ng/L		08/01/22 08:37	08/07/22 21:43	1
Perfluorobutanoic acid	**4.4**		4.3		ng/L		08/01/22 08:37	08/07/22 21:43	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		08/01/22 08:37	08/07/22 21:43	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		08/01/22 08:37	08/07/22 21:43	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		08/01/22 08:37	08/07/22 21:43	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		08/01/22 08:37	08/07/22 21:43	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*109*		*17 - 200*	*08/01/22 08:37*	*08/07/22 21:43*	*1*
M2-8:2 FTS	*149*		*33 - 200*	*08/01/22 08:37*	*08/07/22 21:43*	*1*
13C4 PFBA	*133*		*42 - 165*	*08/01/22 08:37*	*08/07/22 21:43*	*1*
13C5 PFPeA	*129*		*38 - 187*	*08/01/22 08:37*	*08/07/22 21:43*	*1*
13C8 PFOS	*132*		*51 - 159*	*08/01/22 08:37*	*08/07/22 21:43*	*1*
13C8 FOSA	*122*		*10 - 168*	*08/01/22 08:37*	*08/07/22 21:43*	*1*
13C3 PFHxS	*130*		*28 - 188*	*08/01/22 08:37*	*08/07/22 21:43*	*1*

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:29	1
Perfluoroheptanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:29	1
Perfluorooctanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:29	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:29	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:29	1
Perfluorotridecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:29	1
Perfluorotetradecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:29	1
Perfluorobutanesulfonic acid	1.7	U *- cn	1.7		ng/L		08/04/22 10:25	08/08/22 20:29	1
Perfluorohexanesulfonic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:29	1
Perfluorooctanesulfonic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:29	1
NEtFOSAA	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:29	1
NMeFOSAA	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:29	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:29	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/08/22 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*84*		*70 - 130*	*08/04/22 10:25*	*08/08/22 20:29*	*1*
13C2 PFDA	*95*		*70 - 130*	*08/04/22 10:25*	*08/08/22 20:29*	*1*
13C2 PFHxA	*90*		*70 - 130*	*08/04/22 10:25*	*08/08/22 20:29*	*1*

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-92065-1
SDG: HOO

Client Sample ID: PV-2_50
Date Collected: 07/21/22 09:44
Date Received: 07/22/22 10:17

Lab Sample ID: 410-92065-5
Matrix: Water

Method: 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.3	U	4.3		ng/L		08/01/22 08:37	08/07/22 21:54	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6		ng/L		08/01/22 08:37	08/07/22 21:54	1
Perfluorobutanoic acid	4.3	U	4.3		ng/L		08/01/22 08:37	08/07/22 21:54	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		08/01/22 08:37	08/07/22 21:54	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		08/01/22 08:37	08/07/22 21:54	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		08/01/22 08:37	08/07/22 21:54	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		08/01/22 08:37	08/07/22 21:54	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*108*		*17 - 200*	*08/01/22 08:37*	*08/07/22 21:54*	*1*
M2-8:2 FTS	*118*		*33 - 200*	*08/01/22 08:37*	*08/07/22 21:54*	*1*
13C4 PFBA	*128*		*42 - 165*	*08/01/22 08:37*	*08/07/22 21:54*	*1*
13C5 PFPeA	*120*		*38 - 187*	*08/01/22 08:37*	*08/07/22 21:54*	*1*
13C8 PFOS	*125*		*51 - 159*	*08/01/22 08:37*	*08/07/22 21:54*	*1*
13C8 FOSA	*109*		*10 - 168*	*08/01/22 08:37*	*08/07/22 21:54*	*1*
13C3 PFHxS	*129*		*28 - 188*	*08/01/22 08:37*	*08/07/22 21:54*	*1*

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/08/22 20:40	1
Perfluoroheptanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/08/22 20:40	1
Perfluorooctanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/08/22 20:40	1
Perfluorononanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/08/22 20:40	1
Perfluorodecanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/08/22 20:40	1
Perfluorotridecanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/08/22 20:40	1
Perfluorotetradecanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/08/22 20:40	1
Perfluorobutanesulfonic acid	1.8	U *- cn	1.8		ng/L		08/04/22 10:25	08/08/22 20:40	1
Perfluorohexanesulfonic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/08/22 20:40	1
Perfluorooctanesulfonic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/08/22 20:40	1
NEtFOSAA	1.8	U	1.8		ng/L		08/04/22 10:25	08/08/22 20:40	1
NMeFOSAA	1.8	U	1.8		ng/L		08/04/22 10:25	08/08/22 20:40	1
Perfluoroundecanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/08/22 20:40	1
Perfluorododecanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/08/22 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*82*		*70 - 130*	*08/04/22 10:25*	*08/08/22 20:40*	*1*
13C2 PFDA	*102*		*70 - 130*	*08/04/22 10:25*	*08/08/22 20:40*	*1*
13C2 PFHxA	*97*		*70 - 130*	*08/04/22 10:25*	*08/08/22 20:40*	*1*

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-92065-1
SDG: HOO

Client Sample ID: PV-2_75
Date Collected: 07/21/22 09:47
Date Received: 07/22/22 10:17

Lab Sample ID: 410-92065-6
Matrix: Water

Method: 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.1	U	4.1		ng/L		08/01/22 08:37	08/07/22 22:05	1
8:2 Fluorotelomer sulfonic acid	2.5	U	2.5		ng/L		08/01/22 08:37	08/07/22 22:05	1
Perfluorobutanoic acid	4.1	U	4.1		ng/L		08/01/22 08:37	08/07/22 22:05	1
Perfluorodecanesulfonic acid	1.7	U	1.7		ng/L		08/01/22 08:37	08/07/22 22:05	1
Perfluoroheptanesulfonic acid	1.7	U	1.7		ng/L		08/01/22 08:37	08/07/22 22:05	1
Perfluorooctanesulfonamide	1.7	U	1.7		ng/L		08/01/22 08:37	08/07/22 22:05	1
Perfluoropentanoic acid	1.7	U	1.7		ng/L		08/01/22 08:37	08/07/22 22:05	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*99*		*17 - 200*	*08/01/22 08:37*	*08/07/22 22:05*	*1*
M2-8:2 FTS	*113*		*33 - 200*	*08/01/22 08:37*	*08/07/22 22:05*	*1*
13C4 PFBA	*128*		*42 - 165*	*08/01/22 08:37*	*08/07/22 22:05*	*1*
13C5 PFPeA	*127*		*38 - 187*	*08/01/22 08:37*	*08/07/22 22:05*	*1*
13C8 PFOS	*119*		*51 - 159*	*08/01/22 08:37*	*08/07/22 22:05*	*1*
13C8 FOSA	*96*		*10 - 168*	*08/01/22 08:37*	*08/07/22 22:05*	*1*
13C3 PFHxS	*113*		*28 - 188*	*08/01/22 08:37*	*08/07/22 22:05*	*1*

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:44	1
Perfluoroheptanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:44	1
Perfluorooctanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:44	1
Perfluorononanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:44	1
Perfluorodecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:44	1
Perfluorotridecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:44	1
Perfluorotetradecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:44	1
Perfluorobutanesulfonic acid	1.7	U *- cn	1.7		ng/L		08/04/22 10:25	08/18/22 11:44	1
Perfluorohexanesulfonic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:44	1
Perfluorooctanesulfonic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:44	1
NEtFOSAA	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:44	1
NMeFOSAA	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:44	1
Perfluoroundecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:44	1
Perfluorododecanoic acid	1.7	U	1.7		ng/L		08/04/22 10:25	08/18/22 11:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*99*		*70 - 130*	*08/04/22 10:25*	*08/18/22 11:44*	*1*
13C2 PFDA	*96*		*70 - 130*	*08/04/22 10:25*	*08/18/22 11:44*	*1*
13C2 PFHxA	*97*		*70 - 130*	*08/04/22 10:25*	*08/18/22 11:44*	*1*

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-92065-1
SDG: HOO

Client Sample ID: FTB01-220721
Date Collected: 07/21/22 09:55
Date Received: 07/22/22 10:17

Lab Sample ID: 410-92065-7
Matrix: Water

Method: 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.7	U	4.7		ng/L		08/01/22 08:37	08/07/22 22:16	1
8:2 Fluorotelomer sulfonic acid	2.8	U	2.8		ng/L		08/01/22 08:37	08/07/22 22:16	1
Perfluorobutanoic acid	4.7	U	4.7		ng/L		08/01/22 08:37	08/07/22 22:16	1
Perfluorodecanesulfonic acid	1.9	U	1.9		ng/L		08/01/22 08:37	08/07/22 22:16	1
Perfluoroheptanesulfonic acid	1.9	U	1.9		ng/L		08/01/22 08:37	08/07/22 22:16	1
Perfluorooctanesulfonamide	1.9	U	1.9		ng/L		08/01/22 08:37	08/07/22 22:16	1
Perfluoropentanoic acid	1.9	U	1.9		ng/L		08/01/22 08:37	08/07/22 22:16	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*119*		*17 - 200*	*08/01/22 08:37*	*08/07/22 22:16*	*1*
M2-8:2 FTS	*124*		*33 - 200*	*08/01/22 08:37*	*08/07/22 22:16*	*1*
13C4 PFBA	*131*		*42 - 165*	*08/01/22 08:37*	*08/07/22 22:16*	*1*
13C5 PFPeA	*120*		*38 - 187*	*08/01/22 08:37*	*08/07/22 22:16*	*1*
13C8 PFOS	*131*		*51 - 159*	*08/01/22 08:37*	*08/07/22 22:16*	*1*
13C8 FOSA	*101*		*10 - 168*	*08/01/22 08:37*	*08/07/22 22:16*	*1*
13C3 PFHxS	*125*		*28 - 188*	*08/01/22 08:37*	*08/07/22 22:16*	*1*

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 11:56	1
Perfluoroheptanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 11:56	1
Perfluorooctanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 11:56	1
Perfluorononanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 11:56	1
Perfluorodecanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 11:56	1
Perfluorotridecanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 11:56	1
Perfluorotetradecanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 11:56	1
Perfluorobutanesulfonic acid	1.8	U *- cn	1.8		ng/L		08/04/22 10:25	08/18/22 11:56	1
Perfluorohexanesulfonic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 11:56	1
Perfluorooctanesulfonic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 11:56	1
NEtFOSAA	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 11:56	1
NMeFOSAA	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 11:56	1
Perfluoroundecanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 11:56	1
Perfluorododecanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 11:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*80*		*70 - 130*	*08/04/22 10:25*	*08/18/22 11:56*	*1*
13C2 PFDA	*99*		*70 - 130*	*08/04/22 10:25*	*08/18/22 11:56*	*1*
13C2 PFHxA	*83*		*70 - 130*	*08/04/22 10:25*	*08/18/22 11:56*	*1*

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-92065-1
SDG: HOO

Client Sample ID: LTB01-220721
Date Collected: 07/21/22 00:00
Date Received: 07/22/22 10:17

Lab Sample ID: 410-92065-8
Matrix: Water

Method: 537 (Mod) - EPA 537 Version 1.1 modified

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	4.4	U	4.4		ng/L		08/04/22 15:13	08/10/22 03:29	1
8:2 Fluorotelomer sulfonic acid	2.6	U	2.6		ng/L		08/04/22 15:13	08/10/22 03:29	1
Perfluorobutanoic acid	4.4	U	4.4		ng/L		08/04/22 15:13	08/10/22 03:29	1
Perfluorodecanesulfonic acid	1.8	U	1.8		ng/L		08/04/22 15:13	08/10/22 03:29	1
Perfluoroheptanesulfonic acid	1.8	U	1.8		ng/L		08/04/22 15:13	08/10/22 03:29	1
Perfluorooctanesulfonamide	1.8	U	1.8		ng/L		08/04/22 15:13	08/10/22 03:29	1
Perfluoropentanoic acid	1.8	U	1.8		ng/L		08/04/22 15:13	08/10/22 03:29	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*114*		*17 - 200*	*08/04/22 15:13*	*08/10/22 03:29*	*1*
M2-8:2 FTS	*87*		*33 - 200*	*08/04/22 15:13*	*08/10/22 03:29*	*1*
13C4 PFBA	*97*		*42 - 165*	*08/04/22 15:13*	*08/10/22 03:29*	*1*
13C5 PFPeA	*100*		*38 - 187*	*08/04/22 15:13*	*08/10/22 03:29*	*1*
13C8 PFOS	*100*		*51 - 159*	*08/04/22 15:13*	*08/10/22 03:29*	*1*
13C8 FOSA	*83*		*10 - 168*	*08/04/22 15:13*	*08/10/22 03:29*	*1*
13C3 PFHxS	*95*		*28 - 188*	*08/04/22 15:13*	*08/10/22 03:29*	*1*

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 12:07	1
Perfluoroheptanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 12:07	1
Perfluorooctanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 12:07	1
Perfluorononanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 12:07	1
Perfluorodecanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 12:07	1
Perfluorotridecanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 12:07	1
Perfluorotetradecanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 12:07	1
Perfluorobutanesulfonic acid	1.8	U *- cn	1.8		ng/L		08/04/22 10:25	08/18/22 12:07	1
Perfluorohexanesulfonic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 12:07	1
Perfluorooctanesulfonic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 12:07	1
NEtFOSAA	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 12:07	1
NMeFOSAA	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 12:07	1
Perfluoroundecanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 12:07	1
Perfluorododecanoic acid	1.8	U	1.8		ng/L		08/04/22 10:25	08/18/22 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
d5-NEtFOSAA	*82*		*70 - 130*	*08/04/22 10:25*	*08/18/22 12:07*	*1*
13C2 PFDA	*96*		*70 - 130*	*08/04/22 10:25*	*08/18/22 12:07*	*1*
13C2 PFHxA	*84*		*70 - 130*	*08/04/22 10:25*	*08/18/22 12:07*	*1*

Surrogate Summary

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-92065-1
SDG: HOO

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)								
		d5NEFOS	PFDA	PFHxA						
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	(70-130)						
410-92065-1	GAC Influent	78	106	93						
410-92065-1 - DL	GAC Influent	87	95	79						
410-92065-2	GAC Midfluent	81	100	98						
410-92065-3	GAC Effluent	67 S1- cn	84	23 S1- cn						
410-92065-4	PV-2_25	84	95	90						
410-92065-5	PV-2_50	82	102	97						
410-92065-6	PV-2_75	99	96	97						
410-92065-7	FTB01-220721	80	99	83						
410-92065-8	LTB01-220721	82	96	84						
LCS 410-282805/2-A	Lab Control Sample	83	101	85						
LCSD 410-282805/3-A	Lab Control Sample Dup	86	94	79						
MB 410-282805/1-A	Method Blank	79	95	89						

Surrogate Legend

d5NEFOS = d5-NEtFOSAA

PFDA = 13C2 PFDA

PFHxA = 13C2 PFHxA

Isotope Dilution Summary

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-92065-1
SDG: HOO

Method: 537 (Mod) - EPA 537 Version 1.1 modified

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)						
		M262FTS	M282FTS	PFBA	PFPeA	C8PFOS	PFOSA	C3PFHS
Lab Sample ID	Client Sample ID	(17-200)	(33-200)	(42-165)	(38-187)	(51-159)	(10-168)	(28-188)
410-92065-1	GAC Influent	132	147	128	136	122	98	148
410-92065-2	GAC Midfluent	126	122	129	116	119	108	113
410-92065-3	GAC Effluent	137	119	125	111	121	99	116
410-92065-4	PV-2_25	109	149	133	129	132	122	130
410-92065-5	PV-2_50	108	118	128	120	125	109	129
410-92065-6	PV-2_75	99	113	128	127	119	96	113
410-92065-7	FTB01-220721	119	124	131	120	131	101	125
410-92065-8	LTB01-220721	114	87	97	100	100	83	95
LCS 410-281376/2-A	Lab Control Sample	135	125	129	129	130	116	126
LCS 410-282908/2-A	Lab Control Sample	118	97	105	102	103	90	106
LCSD 410-281376/3-A	Lab Control Sample Dup	138	125	134	123	129	115	121
MB 410-281376/1-A	Method Blank	123	108	114	107	112	98	121
MB 410-282908/1-A	Method Blank	104	89	94	98	98	78	99

Surrogate Legend

M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS
PFBA = 13C4 PFBA
PFPeA = 13C5 PFPeA
C8PFOS = 13C8 PFOS
PFOSA = 13C8 FOSA
C3PFHS = 13C3 PFHxS

Method: 537 (Mod) - EPA 537 Version 1.1 modified

Lab Sample ID: MB 410-281376/1-A
Matrix: Water
Analysis Batch: 284066

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 281376

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	5.0	U	5.0		ng/L		08/01/22 08:37	08/09/22 21:28	1
8:2 Fluorotelomer sulfonic acid	3.0	U	3.0		ng/L		08/01/22 08:37	08/09/22 21:28	1
Perfluorobutanoic acid	5.0	U	5.0		ng/L		08/01/22 08:37	08/09/22 21:28	1
Perfluorodecanesulfonic acid	2.0	U	2.0		ng/L		08/01/22 08:37	08/09/22 21:28	1
Perfluoroheptanesulfonic acid	2.0	U	2.0		ng/L		08/01/22 08:37	08/09/22 21:28	1
Perfluorooctanesulfonamide	2.0	U	2.0		ng/L		08/01/22 08:37	08/09/22 21:28	1
Perfluoropentanoic acid	2.0	U	2.0		ng/L		08/01/22 08:37	08/09/22 21:28	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*123*		*17 - 200*	*08/01/22 08:37*	*08/09/22 21:28*	*1*
M2-8:2 FTS	*108*		*33 - 200*	*08/01/22 08:37*	*08/09/22 21:28*	*1*
13C4 PFBA	*114*		*42 - 165*	*08/01/22 08:37*	*08/09/22 21:28*	*1*
13C5 PFPeA	*107*		*38 - 187*	*08/01/22 08:37*	*08/09/22 21:28*	*1*
13C8 PFOS	*112*		*51 - 159*	*08/01/22 08:37*	*08/09/22 21:28*	*1*
13C8 FOSA	*98*		*10 - 168*	*08/01/22 08:37*	*08/09/22 21:28*	*1*
13C3 PFHxS	*121*		*28 - 188*	*08/01/22 08:37*	*08/09/22 21:28*	*1*

Lab Sample ID: LCS 410-281376/2-A
Matrix: Water
Analysis Batch: 284066

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 281376

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
6:2 Fluorotelomer sulfonic acid			24.3	20.1		ng/L		83	28 - 173		
8:2 Fluorotelomer sulfonic acid			24.5	20.7		ng/L		85	55 - 138		
Perfluorobutanoic acid			25.6	18.8		ng/L		74	59 - 136		
Perfluorodecanesulfonic acid			24.7	17.0		ng/L		69	55 - 137		
Perfluoroheptanesulfonic acid			24.4	18.5		ng/L		76	56 - 140		
Perfluorooctanesulfonamide			25.6	19.9		ng/L		78	43 - 167		
Perfluoropentanoic acid			25.6	20.4		ng/L		80	57 - 141		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
M2-6:2 FTS	*135*		*17 - 200*
M2-8:2 FTS	*125*		*33 - 200*
13C4 PFBA	*129*		*42 - 165*
13C5 PFPeA	*129*		*38 - 187*
13C8 PFOS	*130*		*51 - 159*
13C8 FOSA	*116*		*10 - 168*
13C3 PFHxS	*126*		*28 - 188*

Lab Sample ID: LCSD 410-281376/3-A
Matrix: Water
Analysis Batch: 284066

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 281376

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
6:2 Fluorotelomer sulfonic acid			24.3	21.8		ng/L		90	28 - 173	8	30
8:2 Fluorotelomer sulfonic acid			24.5	22.2		ng/L		90	55 - 138	7	30
Perfluorobutanoic acid			25.6	18.7		ng/L		73	59 - 136	1	30
Perfluorodecanesulfonic acid			24.7	16.6		ng/L		67	55 - 137	3	30
Perfluoroheptanesulfonic acid			24.4	20.6		ng/L		84	56 - 140	10	30

Method: 537 (Mod) - EPA 537 Version 1.1 modified (Continued)

Lab Sample ID: LCSD 410-281376/3-A
Matrix: Water
Analysis Batch: 284066

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 281376

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorooctanesulfonamide			25.6	20.6		ng/L		80	43 - 167	3	30
Perfluoropentanoic acid			25.6	20.3		ng/L		79	57 - 141	0	30

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
M2-6:2 FTS	*138*		*17 - 200*
M2-8:2 FTS	*125*		*33 - 200*
13C4 PFBA	*134*		*42 - 165*
13C5 PFPeA	*123*		*38 - 187*
13C8 PFOS	*129*		*51 - 159*
13C8 FOSA	*115*		*10 - 168*
13C3 PFHxS	*121*		*28 - 188*

Lab Sample ID: MB 410-282908/1-A
Matrix: Water
Analysis Batch: 284214

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 282908

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
6:2 Fluorotelomer sulfonic acid	5.0	U	5.0		ng/L		08/04/22 15:13	08/10/22 02:56	1
8:2 Fluorotelomer sulfonic acid	3.0	U	3.0		ng/L		08/04/22 15:13	08/10/22 02:56	1
Perfluorobutanoic acid	5.0	U	5.0		ng/L		08/04/22 15:13	08/10/22 02:56	1
Perfluorodecanesulfonic acid	2.0	U	2.0		ng/L		08/04/22 15:13	08/10/22 02:56	1
Perfluoroheptanesulfonic acid	2.0	U	2.0		ng/L		08/04/22 15:13	08/10/22 02:56	1
Perfluorooctanesulfonamide	2.0	U	2.0		ng/L		08/04/22 15:13	08/10/22 02:56	1
Perfluoropentanoic acid	2.0	U	2.0		ng/L		08/04/22 15:13	08/10/22 02:56	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
M2-6:2 FTS	*104*		*17 - 200*	*08/04/22 15:13*	*08/10/22 02:56*	*1*
M2-8:2 FTS	*89*		*33 - 200*	*08/04/22 15:13*	*08/10/22 02:56*	*1*
13C4 PFBA	*94*		*42 - 165*	*08/04/22 15:13*	*08/10/22 02:56*	*1*
13C5 PFPeA	*98*		*38 - 187*	*08/04/22 15:13*	*08/10/22 02:56*	*1*
13C8 PFOS	*98*		*51 - 159*	*08/04/22 15:13*	*08/10/22 02:56*	*1*
13C8 FOSA	*78*		*10 - 168*	*08/04/22 15:13*	*08/10/22 02:56*	*1*
13C3 PFHxS	*99*		*28 - 188*	*08/04/22 15:13*	*08/10/22 02:56*	*1*

Lab Sample ID: LCS 410-282908/2-A
Matrix: Water
Analysis Batch: 284214

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 282908

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
6:2 Fluorotelomer sulfonic acid			24.3	21.9		ng/L		90	28 - 173
8:2 Fluorotelomer sulfonic acid			24.5	20.2		ng/L		83	55 - 138
Perfluorobutanoic acid			25.6	21.3		ng/L		83	59 - 136
Perfluorodecanesulfonic acid			24.7	16.6		ng/L		67	55 - 137
Perfluoroheptanesulfonic acid			24.4	20.4		ng/L		84	56 - 140
Perfluorooctanesulfonamide			25.6	21.1		ng/L		82	43 - 167
Perfluoropentanoic acid			25.6	20.9		ng/L		82	57 - 141

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
M2-6:2 FTS	*118*		*17 - 200*

Method: 537 (Mod) - EPA 537 Version 1.1 modified (Continued)

Lab Sample ID: LCS 410-282908/2-A
Matrix: Water
Analysis Batch: 284214

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 282908

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
M2-8:2 FTS	97		33 - 200
13C4 PFBA	105		42 - 165
13C5 PFPeA	102		38 - 187
13C8 PFOS	103		51 - 159
13C8 FOSA	90		10 - 168
13C3 PFHxS	106		28 - 188

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS)

Lab Sample ID: MB 410-282805/1-A
Matrix: Water
Analysis Batch: 287329

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 282805

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Perfluorohexanoic acid	2.0	U	2.0		ng/L		08/04/22 10:25	08/18/22 10:47	1
Perfluoroheptanoic acid	2.0	U	2.0		ng/L		08/04/22 10:25	08/18/22 10:47	1
Perfluorooctanoic acid	2.0	U	2.0		ng/L		08/04/22 10:25	08/18/22 10:47	1
Perfluorononanoic acid	2.0	U	2.0		ng/L		08/04/22 10:25	08/18/22 10:47	1
Perfluorodecanoic acid	2.0	U	2.0		ng/L		08/04/22 10:25	08/18/22 10:47	1
Perfluorotridecanoic acid	2.0	U	2.0		ng/L		08/04/22 10:25	08/18/22 10:47	1
Perfluorotetradecanoic acid	2.0	U	2.0		ng/L		08/04/22 10:25	08/18/22 10:47	1
Perfluorobutanesulfonic acid	2.0	U	2.0		ng/L		08/04/22 10:25	08/18/22 10:47	1
Perfluorohexanesulfonic acid	2.0	U	2.0		ng/L		08/04/22 10:25	08/18/22 10:47	1
Perfluorooctanesulfonic acid	2.0	U	2.0		ng/L		08/04/22 10:25	08/18/22 10:47	1
NEtFOSAA	2.0	U	2.0		ng/L		08/04/22 10:25	08/18/22 10:47	1
NMeFOSAA	2.0	U	2.0		ng/L		08/04/22 10:25	08/18/22 10:47	1
Perfluoroundecanoic acid	2.0	U	2.0		ng/L		08/04/22 10:25	08/18/22 10:47	1
Perfluorododecanoic acid	2.0	U	2.0		ng/L		08/04/22 10:25	08/18/22 10:47	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtFOSAA	79		70 - 130	08/04/22 10:25	08/18/22 10:47	1
13C2 PFDA	95		70 - 130	08/04/22 10:25	08/18/22 10:47	1
13C2 PFHxA	89		70 - 130	08/04/22 10:25	08/18/22 10:47	1

Lab Sample ID: LCS 410-282805/2-A
Matrix: Water
Analysis Batch: 287329

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 282805

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Perfluorohexanoic acid			20.5	16.6		ng/L		81	70 - 130		
Perfluoroheptanoic acid			20.5	17.8		ng/L		87	70 - 130		
Perfluorooctanoic acid			20.5	18.6		ng/L		91	70 - 130		
Perfluorononanoic acid			20.5	18.3		ng/L		89	70 - 130		
Perfluorodecanoic acid			20.5	19.4		ng/L		95	70 - 130		
Perfluorotridecanoic acid			20.5	18.1		ng/L		89	70 - 130		
Perfluorotetradecanoic acid			20.5	18.5		ng/L		90	70 - 130		
Perfluorobutanesulfonic acid			18.1	13.0		ng/L		72	70 - 130		
Perfluorohexanesulfonic acid			18.7	16.8		ng/L		90	70 - 130		
Perfluorooctanesulfonic acid			19.0	16.7		ng/L		88	70 - 130		

Method: 537 DW - Perfluorinated Alkyl Acids (LC/MS) (Continued)

Lab Sample ID: LCS 410-282805/2-A
Matrix: Water
Analysis Batch: 287329

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 282805

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
NEtFOSAA			20.5	16.7		ng/L		82	70 - 130		
NMeFOSAA			20.5	16.1		ng/L		78	70 - 130		
Perfluoroundecanoic acid			20.5	18.7		ng/L		91	70 - 130		
Perfluorododecanoic acid			20.5	17.5		ng/L		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
d5-NEtFOSAA	*83*		*70 - 130*
13C2 PFDA	*101*		*70 - 130*
13C2 PFHxA	*85*		*70 - 130*

Lab Sample ID: LCSD 410-282805/3-A
Matrix: Water
Analysis Batch: 287329

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 282805

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorohexanoic acid			20.5	15.5		ng/L		75	70 - 130	7	30
Perfluoroheptanoic acid			20.5	17.8		ng/L		87	70 - 130	0	30
Perfluorooctanoic acid			20.5	18.1		ng/L		88	70 - 130	3	30
Perfluorononanoic acid			20.5	17.2		ng/L		84	70 - 130	6	30
Perfluorodecanoic acid			20.5	19.0		ng/L		93	70 - 130	2	30
Perfluorotridecanoic acid			20.5	16.9		ng/L		83	70 - 130	7	30
Perfluorotetradecanoic acid			20.5	17.7		ng/L		86	70 - 130	4	30
Perfluorobutanesulfonic acid			18.1	12.4	*-	ng/L		68	70 - 130	5	30
Perfluorohexanesulfonic acid			18.7	16.2		ng/L		87	70 - 130	4	30
Perfluorooctanesulfonic acid			19.0	15.5		ng/L		82	70 - 130	8	30
NEtFOSAA			20.5	17.1		ng/L		84	70 - 130	2	30
NMeFOSAA			20.5	16.9		ng/L		83	70 - 130	5	30
Perfluoroundecanoic acid			20.5	18.3		ng/L		89	70 - 130	2	30
Perfluorododecanoic acid			20.5	18.4		ng/L		90	70 - 130	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
d5-NEtFOSAA	*86*		*70 - 130*
13C2 PFDA	*94*		*70 - 130*
13C2 PFHxA	*79*		*70 - 130*

LCMS

Prep Batch: 281376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-92065-1	GAC Influent	Total/NA	Water	537 (Mod)	
410-92065-2	GAC Midfluent	Total/NA	Water	537 (Mod)	
410-92065-3	GAC Effluent	Total/NA	Water	537 (Mod)	
410-92065-4	PV-2_25	Total/NA	Water	537 (Mod)	
410-92065-5	PV-2_50	Total/NA	Water	537 (Mod)	
410-92065-6	PV-2_75	Total/NA	Water	537 (Mod)	
410-92065-7	FTB01-220721	Total/NA	Water	537 (Mod)	
MB 410-281376/1-A	Method Blank	Total/NA	Water	537 (Mod)	
LCS 410-281376/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	
LCSD 410-281376/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	

Prep Batch: 282805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-92065-1	GAC Influent	Total/NA	Water	537 DW	
410-92065-1 - DL	GAC Influent	Total/NA	Water	537 DW	
410-92065-2	GAC Midfluent	Total/NA	Water	537 DW	
410-92065-3	GAC Effluent	Total/NA	Water	537 DW	
410-92065-4	PV-2_25	Total/NA	Water	537 DW	
410-92065-5	PV-2_50	Total/NA	Water	537 DW	
410-92065-6	PV-2_75	Total/NA	Water	537 DW	
410-92065-7	FTB01-220721	Total/NA	Water	537 DW	
410-92065-8	LTB01-220721	Total/NA	Water	537 DW	
MB 410-282805/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-282805/2-A	Lab Control Sample	Total/NA	Water	537 DW	
LCSD 410-282805/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	

Prep Batch: 282908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-92065-8	LTB01-220721	Total/NA	Water	537 (Mod)	
MB 410-282908/1-A	Method Blank	Total/NA	Water	537 (Mod)	
LCS 410-282908/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	

Analysis Batch: 283345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-92065-1	GAC Influent	Total/NA	Water	537 (Mod)	281376
410-92065-2	GAC Midfluent	Total/NA	Water	537 (Mod)	281376
410-92065-4	PV-2_25	Total/NA	Water	537 (Mod)	281376
410-92065-5	PV-2_50	Total/NA	Water	537 (Mod)	281376
410-92065-6	PV-2_75	Total/NA	Water	537 (Mod)	281376
410-92065-7	FTB01-220721	Total/NA	Water	537 (Mod)	281376

Analysis Batch: 283907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-92065-1	GAC Influent	Total/NA	Water	537 DW	282805
410-92065-2	GAC Midfluent	Total/NA	Water	537 DW	282805
410-92065-4	PV-2_25	Total/NA	Water	537 DW	282805
410-92065-5	PV-2_50	Total/NA	Water	537 DW	282805

Analysis Batch: 284066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-92065-3	GAC Effluent	Total/NA	Water	537 (Mod)	281376

LCMS (Continued)

Analysis Batch: 284066 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 410-281376/1-A	Method Blank	Total/NA	Water	537 (Mod)	281376
LCS 410-281376/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	281376
LCSD 410-281376/3-A	Lab Control Sample Dup	Total/NA	Water	537 (Mod)	281376

Analysis Batch: 284214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-92065-8	LTB01-220721	Total/NA	Water	537 (Mod)	282908
MB 410-282908/1-A	Method Blank	Total/NA	Water	537 (Mod)	282908
LCS 410-282908/2-A	Lab Control Sample	Total/NA	Water	537 (Mod)	282908

Analysis Batch: 285590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-92065-1 - DL	GAC Influent	Total/NA	Water	537 DW	282805

Analysis Batch: 287329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-92065-3	GAC Effluent	Total/NA	Water	537 DW	282805
410-92065-6	PV-2_75	Total/NA	Water	537 DW	282805
410-92065-7	FTB01-220721	Total/NA	Water	537 DW	282805
410-92065-8	LTB01-220721	Total/NA	Water	537 DW	282805
MB 410-282805/1-A	Method Blank	Total/NA	Water	537 DW	282805
LCS 410-282805/2-A	Lab Control Sample	Total/NA	Water	537 DW	282805
LCSD 410-282805/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	282805

Prep Batch: 287778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-92065-1 - RE	GAC Influent	Total/NA	Water	537 DW	
410-92065-2 - RE	GAC Midfluent	Total/NA	Water	537 DW	
410-92065-3 - RE	GAC Effluent	Total/NA	Water	537 DW	
410-92065-4 - RE	PV-2_25	Total/NA	Water	537 DW	
410-92065-5 - RE	PV-2_50	Total/NA	Water	537 DW	
410-92065-6 - RE	PV-2_75	Total/NA	Water	537 DW	
410-92065-7 - RE	FTB01-220721	Total/NA	Water	537 DW	
410-92065-8 - RE	LTB01-220721	Total/NA	Water	537 DW	
MB 410-287778/1-A	Method Blank	Total/NA	Water	537 DW	
LCS 410-287778/2-A	Lab Control Sample	Total/NA	Water	537 DW	
LCSD 410-287778/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	

Analysis Batch: 288425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-92065-1 - RE	GAC Influent	Total/NA	Water	537 DW	287778
410-92065-2 - RE	GAC Midfluent	Total/NA	Water	537 DW	287778
410-92065-3 - RE	GAC Effluent	Total/NA	Water	537 DW	287778
410-92065-4 - RE	PV-2_25	Total/NA	Water	537 DW	287778
410-92065-5 - RE	PV-2_50	Total/NA	Water	537 DW	287778
410-92065-6 - RE	PV-2_75	Total/NA	Water	537 DW	287778
410-92065-7 - RE	FTB01-220721	Total/NA	Water	537 DW	287778
410-92065-8 - RE	LTB01-220721	Total/NA	Water	537 DW	287778
MB 410-287778/1-A	Method Blank	Total/NA	Water	537 DW	287778
LCS 410-287778/2-A	Lab Control Sample	Total/NA	Water	537 DW	287778
LCSD 410-287778/3-A	Lab Control Sample Dup	Total/NA	Water	537 DW	287778

Lab Chronicle

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-92065-1
SDG: HOO

Client Sample ID: GAC Influent
Lab Sample ID: 410-92065-1

Date Collected: 07/21/22 09:30
Matrix: Water
Date Received: 07/22/22 10:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537 (Mod)			281376	PMS9	ELLE	08/01/22 08:37
Total/NA	Analysis	537 (Mod)		1	283345	ZG8V	ELLE	08/07/22 21:09
Total/NA	Prep	537 DW			282805	HQ8B	ELLE	08/04/22 10:25
Total/NA	Analysis	537 DW		1	283907	DCS9	ELLE	08/08/22 19:54
Total/NA	Prep	537 DW	DL		282805	HQ8B	ELLE	08/04/22 10:25
Total/NA	Analysis	537 DW	DL	10	285590	DCS9	ELLE	08/13/22 04:14
Total/NA	Prep	537 DW	RE		287778	HQ8B	ELLE	08/19/22 09:46
Total/NA	Analysis	537 DW	RE	1	288425	PY4D	ELLE	08/22/22 15:56

Client Sample ID: GAC Midfluent
Lab Sample ID: 410-92065-2

Date Collected: 07/21/22 09:32
Matrix: Water
Date Received: 07/22/22 10:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537 (Mod)			281376	PMS9	ELLE	08/01/22 08:37
Total/NA	Analysis	537 (Mod)		1	283345	ZG8V	ELLE	08/07/22 21:21
Total/NA	Prep	537 DW			282805	HQ8B	ELLE	08/04/22 10:25
Total/NA	Analysis	537 DW		1	283907	DCS9	ELLE	08/08/22 20:06
Total/NA	Prep	537 DW	RE		287778	HQ8B	ELLE	08/19/22 09:46
Total/NA	Analysis	537 DW	RE	1	288425	PY4D	ELLE	08/22/22 16:08

Client Sample ID: GAC Effluent
Lab Sample ID: 410-92065-3

Date Collected: 07/21/22 09:36
Matrix: Water
Date Received: 07/22/22 10:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537 (Mod)			281376	PMS9	ELLE	08/01/22 08:37
Total/NA	Analysis	537 (Mod)		1	284066	DQV6	ELLE	08/09/22 22:01
Total/NA	Prep	537 DW			282805	HQ8B	ELLE	08/04/22 10:25
Total/NA	Analysis	537 DW		1	287329	DCS9	ELLE	08/18/22 11:33
Total/NA	Prep	537 DW	RE		287778	HQ8B	ELLE	08/19/22 09:46
Total/NA	Analysis	537 DW	RE	1	288425	PY4D	ELLE	08/22/22 16:19

Client Sample ID: PV-2_25
Lab Sample ID: 410-92065-4

Date Collected: 07/21/22 09:41
Matrix: Water
Date Received: 07/22/22 10:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537 (Mod)			281376	PMS9	ELLE	08/01/22 08:37
Total/NA	Analysis	537 (Mod)		1	283345	ZG8V	ELLE	08/07/22 21:43
Total/NA	Prep	537 DW			282805	HQ8B	ELLE	08/04/22 10:25
Total/NA	Analysis	537 DW		1	283907	DCS9	ELLE	08/08/22 20:29
Total/NA	Prep	537 DW	RE		287778	HQ8B	ELLE	08/19/22 09:46
Total/NA	Analysis	537 DW	RE	1	288425	PY4D	ELLE	08/22/22 16:31

Lab Chronicle

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-92065-1
SDG: HOO

Client Sample ID: PV-2_50

Lab Sample ID: 410-92065-5

Date Collected: 07/21/22 09:44
Matrix: Water
Date Received: 07/22/22 10:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537 (Mod)			281376	PMS9	ELLE	08/01/22 08:37
Total/NA	Analysis	537 (Mod)		1	283345	ZG8V	ELLE	08/07/22 21:54
Total/NA	Prep	537 DW			282805	HQ8B	ELLE	08/04/22 10:25
Total/NA	Analysis	537 DW		1	283907	DCS9	ELLE	08/08/22 20:40
Total/NA	Prep	537 DW	RE		287778	HQ8B	ELLE	08/19/22 09:46
Total/NA	Analysis	537 DW	RE	1	288425	PY4D	ELLE	08/22/22 16:42

Client Sample ID: PV-2_75

Lab Sample ID: 410-92065-6

Date Collected: 07/21/22 09:47
Matrix: Water
Date Received: 07/22/22 10:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537 (Mod)			281376	PMS9	ELLE	08/01/22 08:37
Total/NA	Analysis	537 (Mod)		1	283345	ZG8V	ELLE	08/07/22 22:05
Total/NA	Prep	537 DW			282805	HQ8B	ELLE	08/04/22 10:25
Total/NA	Analysis	537 DW		1	287329	DCS9	ELLE	08/18/22 11:44
Total/NA	Prep	537 DW	RE		287778	HQ8B	ELLE	08/19/22 09:46
Total/NA	Analysis	537 DW	RE	1	288425	PY4D	ELLE	08/22/22 16:54

Client Sample ID: FTB01-220721

Lab Sample ID: 410-92065-7

Date Collected: 07/21/22 09:55
Matrix: Water
Date Received: 07/22/22 10:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537 (Mod)			281376	PMS9	ELLE	08/01/22 08:37
Total/NA	Analysis	537 (Mod)		1	283345	ZG8V	ELLE	08/07/22 22:16
Total/NA	Prep	537 DW			282805	HQ8B	ELLE	08/04/22 10:25
Total/NA	Analysis	537 DW		1	287329	DCS9	ELLE	08/18/22 11:56
Total/NA	Prep	537 DW	RE		287778	HQ8B	ELLE	08/19/22 09:46
Total/NA	Analysis	537 DW	RE	1	288425	PY4D	ELLE	08/22/22 17:05

Client Sample ID: LTB01-220721

Lab Sample ID: 410-92065-8

Date Collected: 07/21/22 00:00
Matrix: Water
Date Received: 07/22/22 10:17

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	537 (Mod)			282908	JU9U	ELLE	08/04/22 15:13
Total/NA	Analysis	537 (Mod)		1	284214	PY4D	ELLE	08/10/22 03:29
Total/NA	Prep	537 DW			282805	HQ8B	ELLE	08/04/22 10:25
Total/NA	Analysis	537 DW		1	287329	DCS9	ELLE	08/18/22 12:07
Total/NA	Prep	537 DW	RE		287778	HQ8B	ELLE	08/19/22 09:46
Total/NA	Analysis	537 DW	RE	1	288425	PY4D	ELLE	08/22/22 17:17

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-92065-1
SDG: HOO

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10670	04-01-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
537 (Mod)	537 (Mod)	Water	6:2 Fluorotelomer sulfonic acid
537 (Mod)	537 (Mod)	Water	8:2 Fluorotelomer sulfonic acid
537 (Mod)	537 (Mod)	Water	Perfluorobutanoic acid
537 (Mod)	537 (Mod)	Water	Perfluorodecanesulfonic acid
537 (Mod)	537 (Mod)	Water	Perfluoroheptanesulfonic acid
537 (Mod)	537 (Mod)	Water	Perfluorooctanesulfonamide
537 (Mod)	537 (Mod)	Water	Perfluoropentanoic acid
537 DW	537 DW	Water	NEtFOSAA
537 DW	537 DW	Water	NMeFOSAA
537 DW	537 DW	Water	Perfluorobutanesulfonic acid
537 DW	537 DW	Water	Perfluorodecanoic acid
537 DW	537 DW	Water	Perfluorododecanoic acid
537 DW	537 DW	Water	Perfluoroheptanoic acid
537 DW	537 DW	Water	Perfluorohexanesulfonic acid
537 DW	537 DW	Water	Perfluorohexanoic acid
537 DW	537 DW	Water	Perfluorononanoic acid
537 DW	537 DW	Water	Perfluorooctanesulfonic acid
537 DW	537 DW	Water	Perfluorooctanoic acid
537 DW	537 DW	Water	Perfluorotetradecanoic acid
537 DW	537 DW	Water	Perfluorotridecanoic acid
537 DW	537 DW	Water	Perfluoroundecanoic acid

Method Summary

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-92065-1
SDG: HOO

Method	Method Description	Protocol	Laboratory
537 (Mod)	EPA 537 Version 1.1 modified	EPA	ELLE
537 DW	Perfluorinated Alkyl Acids (LC/MS)	EPA	ELLE
537 (Mod)	537 Version 1.1 modified	EPA	ELLE
537 DW	Extraction of Perfluorinated Alkyl Acids	EPA	ELLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: CT Male Associates DPC
Project/Site: Hoosick Falls WTP

Job ID: 410-92065-1
SDG: HOO

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-92065-1	GAC Influent	Water	07/21/22 09:30	07/22/22 10:17
410-92065-2	GAC Midfluent	Water	07/21/22 09:32	07/22/22 10:17
410-92065-3	GAC Effluent	Water	07/21/22 09:36	07/22/22 10:17
410-92065-4	PV-2_25	Water	07/21/22 09:41	07/22/22 10:17
410-92065-5	PV-2_50	Water	07/21/22 09:44	07/22/22 10:17
410-92065-6	PV-2_75	Water	07/21/22 09:47	07/22/22 10:17
410-92065-7	FTB01-220721	Water	07/21/22 09:55	07/22/22 10:17
410-92065-8	LTB01-220721	Water	07/21/22 00:00	07/22/22 10:17

410-92065 Chain of Custody

Environme

Chain of Custody Record

eurofins Environment Testing America

Client Contact: Jonathan Dippert, Kirk Moline	Sampler: C. Olmsted	Lab PM: Hobart, Paul	Carrier Tracking No(s):	COC No: 410-42498-12960.1
Company: CT Male Associates DPC	Phone:	E-Mail: Paul.Hobart@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 2 1 of 1
Address: 50 Century Hill Dr	PWSID:	Analysis Requested		Job #:
City: Latham	Due Date Requested:			
State, Zip: NY, 12110	TAT Requested (days): Standard			
Phone:	Compliance Project: Δ Yes Δ No			
Email: j.dippert@ctmale.com, K.Moline@ctmale.com	PO #: Purchase Order not required			
Project Name: Hoosick Falls WTP	WO #:			
Site: 14.4756	Project #: 41000511			
	SSOW#:			

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	PFC_IDA - (MOD) 7 PFAS Compounds	537_DW - 14 PFAS Drinking Water List	537_DW - 14 PFAS Drinking Water List	Special Instructions/Note:
					N			
GAC INFLUENT	7/21/22	0930	G	Water	N	X	X	
GAC MIDFLUENT		0932		Water		X	X	PV-1
GAC EFFLUENT		0936		Water		X	X	
PV-2_25		0941		Water		X	X	
PV-2_50		0944		Water		X	X	
PV-2_75		0947		Water		X	X	
FTB01-220721		0955		Water		X	X	Field Blank
LTB01-220721		-		Water		X	X	Trip Blank
				Water				
				Water				
				Water				

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: Edwin Hernandez	Date/Time: 6/23/22 730	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time: 7/21/22 1345	Company CM	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 7/22/22 1017	Company	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.0 IR

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: CT Male Associates DPC

Job Number: 410-92065-1
SDG Number: HOO

Login Number: 92065
List Number: 1
Creator: McBeth, Jessica

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	